

AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Please amend the paragraph beginning on page 8, line 15, as follows:

--Fig. 7 is a fragmentary sectional view of the collum of the human femur, with a cavity formed therein for reception of the femur fixture, [[and]]--

Please amend the paragraph beginning on page 8, line 18, as follows:

--Fig. 8 is a fragmentary sectional view of the collum of the human femur, with the femur fixture inserted therein[[.]],--

Please add the following paragraphs after the paragraph ending on page 8, line 20:

--Fig.9 is a perspective view similar to Fig. 2 of the femur fixture with a roughened surface which is at least partially blasted;

Fig. 10 is a perspective view similar to Fig. 9 of the femur fixture with a connecting section having circumferential beads;

Fig. 11 is a longitudinal side view similar to Fig. 3 of the femur fixture with a connecting section having a screw thread profile;

Fig. 12 is a longitudinal sectional view similar to Fig. 4 of the femur fixture with a connecting section having the screw profile;

Fig. 13 is a longitudinal side view similar to Fig. 11 of the femur fixture with a connecting section have circumferential beads; and

Fig. 14 is a perspective view similar to Fig. 10 of the femur fixture with a connecting section having a screw thread.--

Please add the following paragraphs after the paragraph ending on page 13, line 22:

--Turning now to Fig. 9 and embodiment of the femur fixture is shown with a connecting section 15a having a roughened surface which is at least partly a blasted surface. In Fig. 10, a connecting section 15b is shown having a roughened surface 15 which is at least partly provided with a circumferentially oriented roughness in the form of circumferential beads that have a height less than that of the screw thread profiles of the first and second cylindrical sections and no greater than 0.3 mm.

In Figs. 11 and 12, a connecting section 15c is shown having a roughened surface which is at least partly provided with a circumferentially oriented roughness in the shape of a screw thread profile that has a height less than that of the screw thread profiles of the first and second cylindrical sections and no greater than 0.3 mm. Fig. 13 illustrates a proximal section which is provided with a roughness 18a in the form of circumferential beads. In Fig. 14, a connecting section 15d is illustrated having a roughened surface which is at least partly provided with a circumferentially oriented roughness in the shape of a screw thread profile that has a height essentially the same as that of the screw thread profiles of the first and second cylindrical sections.--